TG Section III-I-B - Basic Conservation Systems - Part 2

Albuquerque Field Office

Irrigated Cropland Guide Sheet

Resource Data

MLRA - 42 Soils - all in WEG 3,4,5,6,7

T-5

WEQ USLE

C-120 R - 25

I-86 or less K -.37

1000' or less
.7 roughness

The following alternatives are acceptable regardless of the tillage method used provided the minimum specified amounts of residue are managed as indicated in the Management Requirements section. Critical wind erosion period is Feb. 15 to May 15.

Irrigated Cropland Alternatives

· Alternative 1: Alfalfa - 6 years, Corn + 2 years, Small grains - 2 years

Minimum Crop Residue Amounts: alfalfa - 200 pounds

corn - 1000 pounds

small grains - 300 pounds-flat residue

Alternative 2: Alfalfa - 6 years, Vegetables - 4 years

Minimum Crop Residue Amounts: alfalfa - 200 pounds

vegetables - 800 pounds-flat residue

Alternative 3: Alfalfa - 6 years, Vegetables - 3 years, Corn - 2 years

Minimum Crop Residue Amounts: alfalfa - 200 pounds

vegetables - 800 pounds-flat residue

corn -1000 pounds

Alternative 4: Alfalfa - 6 to 8 years, Small grains or Corn - 1 year

Minimum Crop Residue Amounts: alfalfa - 200 pounds

small grains - 300 pounds-flat residue

corn - 1000 pounds

Alternative 5: Alfalfa or Grass - 6 to 8 years, Small grains - 2 years

Minimum Crop Residue Amounts

alfalfa - 200 pounds

small grains or grass - 300 pounds-flat

residue

Alternative 6: Any rotation with comparable levels of protection.

MANAGEMENT REQUIREMENTS:

Alfalfa - Leave the minimum specified amounts of residue during February 15 to May 15.

Corn and Vegetables - Leave the minimum specified amounts of residue on the soil surface until April 1 or as near planting time as possible.

Small Grains - Leave the minimum specified amounts of small grain residue during Feb. 15 and May 15.

SWCD Approval View Chirmen Date

Orm Wirmen 7/18/88

District Conservationist Date

Area Conservationist Date

State Conservationist

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